

2020 SUMMIT

A Virtual Leadership Symposium

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Best of the Betters: 2020 Better Project and Better Practice Presentations

Wednesday, June 10

11:00 am-12:30 pm ET





Kate Peterson General Motors

Submit Questions
www.slido.com event code #bbsummit
then go to room "Best of the Betters"



Finding Energy Treasure with General Motors Project Roadmap

GM Sustainable Workplaces

Kate Peterson, Energy/Carbon Optimization Engineer





GM Sustainability Goals

- Reduce 2010 carbon emissions by 31% by 2030
 - Achievable with energy efficiency projects and RE-100
- Energy efficiency projects identified by third parties, plant, & Energy
 Treasure Hunts (ETH)
- GM's history of hundreds of ETH and efficiency projects provided large database of conservation measures







Previous project tracking methods did not encourage collaboration

- Pursued projects tracked as a part of the plant's energy performance measures
- Suggested projects remained in ETH files
- Completed projects were not compiled for other plants
- Project information generally delivered "through the grapevine"







Need for a tool that improves communication between plants





Share past and current plant project info across all plants

Include **granular** details – cost to implement & savings

Easy to use (Excel and Power BI)

Showcase project information in visuals

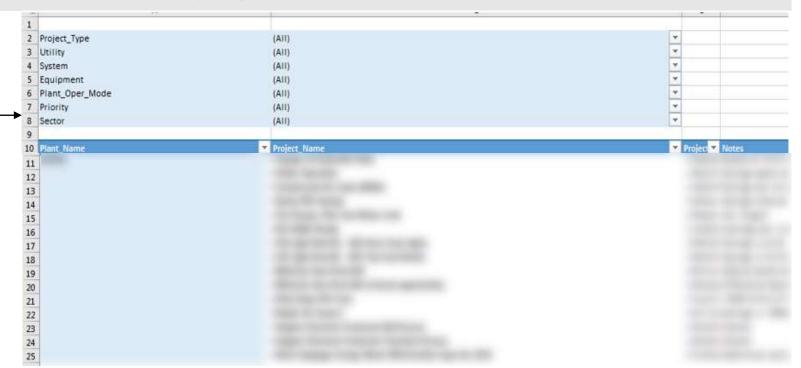




Project Roadmap improves collaboration

- Project Implementation and Identification Roadmap
 - Treasure Hunt findings
 - 2020 project info for plant records
 - PIIR PBI component stores live project info in visuals

Filtering allows plants to find specific opportunities in their area of concern





Project Roadmap serves as a project tracking tool

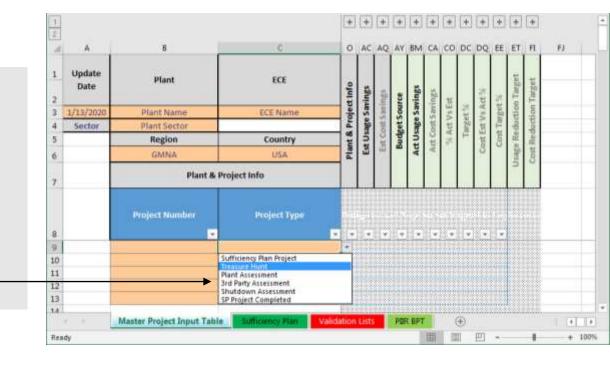
Projects are tracked from ideas, to projects under implementation, to

completed projects

Opportunities/suggestions

 Developed, cost, implementation, and energy savings updated

3. Installed, real time cost and energy information



Project info is detailed

- Allows for project duplication, benchmarking
- Improves future estimations





Project Roadmap continuous improvement

- Plant collaboration and project tracking improved
- Use feedback to improve Roadmap process
- Expand globally to all GM manufacturing sites
- Collaboration with industry partners





